

Title (en)

Devices, methods, and graphical user interfaces for accessibility using a touch-sensitive surface

Title (de)

Vorrichtungen, Verfahren und grafische Benutzeroberflächen für den Zugriff über eine berührungsempfindliche Oberfläche

Title (fr)

Dispositifs, procédés et interfaces d'utilisateur graphique pour l'accès à l'aide d'une surface tactile

Publication

EP 2458493 A2 20120530 (EN)

Application

EP 12154613 A 20100507

Priority

- US 18482509 P 20090607
- US 56574609 A 20090923
- US 56574509 A 20090923
- US 56574409 A 20090923
- EP 10719502 A 20100507
- US 2010034109 W 20100507

Abstract (en)

A method is performed by an accessible electronic device (100) with a display and a touch-sensitive surface (112). The method includes: displaying a plurality of user interface elements on the display (340), wherein a current focus is on a first user interface element (144); detecting a first finger gesture on the touch-sensitive surface (112), wherein the first finger gesture is independent of contacting a location on the touch-sensitive surface (112) that corresponds to a second user interface element (143); and, in response to detecting the first finger gesture: changing the current focus (502) from the first user interface element (144) in the plurality of user interface elements to the second user interface element (143) in the plurality of user interface elements; and outputting accessibility information associated with the second user interface element (143).

IPC 8 full level

G06F 3/048 (2006.01)

CPC (source: EP KR US)

G06F 3/041 (2013.01 - KR US); **G06F 3/0412** (2013.01 - KR); **G06F 3/048** (2013.01 - KR US); **G06F 3/0481** (2013.01 - KR); **G06F 3/04842** (2013.01 - KR US); **G06F 3/0488** (2013.01 - US); **G06F 3/04883** (2013.01 - EP KR US); **G06F 3/14** (2013.01 - KR); **G06F 2203/04808** (2013.01 - EP KR US)

Citation (applicant)

- US 45960606 A 20060724
- US 45961506 A 20060724
- US 32254905 A 20051223
- US 6323846 B1 20011127 - WESTERMAN WAYNE [US], et al
- US 6570557 B1 20030527 - WESTERMAN WAYNE CARL [US], et al
- US 6677932 B1 20040113 - WESTERMAN WAYNE CARL [US]
- US 2002015024 A1 20020207 - WESTERMAN WAYNE [US], et al
- US 38131306 A 20060502
- US 84086204 A 20040506
- US 90396404 A 20040730
- US 4826405 A 20050131
- US 22875805 A 20050916
- US 22870005 A 20050916
- US 22873705 A 20050916
- US 36774906 A 20060303
- US 24183905 A 20050930
- US 24078805 A 20050930
- US 62070207 A 20070107
- US 58686206 A 20061024
- US 63825106 A 20061212
- US 2005190059 A1 20050901 - WEHRENBURG PAUL J [US]
- US 2006017692 A1 20060126 - WEHRENBURG PAUL J [US], et al
- US 96806707 A 20071231
- US 32255005 A 20051223

Cited by

EP2853988A1; US9690476B2; US9766718B2; US9167110B2; US9619038B2; US9684378B2; US9766802B2; US10191556B2; US10481788B2; US10649538B2; US10884618B2; US11379115B2; US11698723B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

US 2010309147 A1 20101209; US 8493344 B2 20130723; AU 2010259191 A1 20120202; AU 2010259191 B2 20140403; EP 2440991 A2 20120418; EP 2458492 A2 20120530; EP 2458492 A3 20121107; EP 2458493 A2 20120530; EP 2458493 A3 20120808; EP 2458493 B1 20190828; JP 2012113730 A 20120614; JP 2012138096 A 20120719; JP 2012529683 A 20121122; JP 5451789 B2 20140326; JP 5714519 B2 20150507; JP 5812988 B2 20151117; KR 101442929 B1 20140924; KR 101509870 B1 20150408; KR 101591450 B1 20160211; KR 101753544 B1 20170703; KR 20120032012 A 20120404; KR 20120032013 A 20120404; KR 20120047257 A 20120511; KR 20120061064 A 20120612; KR 20160018839 A 20160217; US 10061507 B2 20180828; US 10474351 B2 20191112; US 2010309148 A1 20101209; US 2010313125 A1 20101209; US 2013311921 A1 20131121; US 2016070433 A1 20160310;

US 2019065023 A1 20190228; US 2020081598 A1 20200312; US 8681106 B2 20140325; US 9009612 B2 20150414;
WO 2010144201 A2 20101216; WO 2010144201 A3 20110811

DOCDB simple family (application)

US 56574509 A 20090923; AU 2010259191 A 20100507; EP 10719502 A 20100507; EP 12154609 A 20100507; EP 12154613 A 20100507;
JP 2012024483 A 20120207; JP 2012024484 A 20120207; JP 2012513959 A 20100507; KR 20127000663 A 20100507;
KR 20127001628 A 20100507; KR 20127001631 A 20100507; KR 20127003523 A 20100507; KR 20167002541 A 20100507;
US 2010034109 W 20100507; US 201313949149 A 20130723; US 201514943005 A 20151116; US 201816035068 A 20180713;
US 201916680341 A 20191111; US 56574409 A 20090923; US 56574609 A 20090923